

# INTERNATIONAL SEARCH REPORT

Internal Application No  
PC1/GB2004/004474

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D239/91 A61K31/513

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BEILSTEIN Data, WPI Data, PAJ, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 00/20402 A (CUMMING JOHN GRAHAM ; ZENECA LTD (GB)) 13 April 2000 (2000-04-13) the whole document	1-23
Y	WO 00/55153 A (BROWN DEARG SUTHERLAND ; ASTRAZENECA AB (SE)) 21 September 2000 (2000-09-21) cited in the application the whole document	1-23

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

12 January 2005

Date of mailing of the international search report

27/01/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Zellner, A

## INTERNATIONAL SEARCH REPORT

Int l Application No

PCT/GB2004/004474

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; BARAKAT, SABER EL-SAYED ET AL: "Synthesis and hypnotic activity of some new quinazolinone derivatives" XP002313093 retrieved from STN Database accession no. 1995:893816 abstract & SAUDI PHARMACEUTICAL JOURNAL , 3(3), 84-9 CODEN: SPJOEM; ISSN: 1319-0164, 1995, -----	1-23
A	WO 03/066603 A (NOVARTIS PHARMA GMBH ; NOVARTIS AG (CH); DZIADULEWICZ EDWARD KAROL (GB) 14 August 2003 (2003-08-14) the whole document -----	1-23
A	WO 02/083143 A (JOHNSON MICHAEL G ; HUANG ALAN XI (US); LIU JIWEN (US); TULARIK INC (U) 24 October 2002 (2002-10-24) the whole document -----	1-23
A	HANSON G J: "inhibitors of p38 kinase" EXPERT OPINION ON THERAPEUTIC PATENTS, ASHLEY PUBLICATIONS, GB, vol. 7, no. 7, 1997, pages 729-733, XP002086152 ISSN: 1354-3776 cited in the application the whole document -----	1-23

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/GB2004/004474

## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: —  
because they relate to subject matter not required to be searched by this Authority, namely:  
Although claims 17-23 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/GB2004/004474

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0020402	A	13-04-2000	AT 232205 T	15-02-2003
			AU 761552 B2	05-06-2003
			AU 6106499 A	26-04-2000
			BR 9914162 A	26-06-2001
			CA 2341374 A1	13-04-2000
			CN 1321151 T	07-11-2001
			DE 69905264 D1	13-03-2003
			DE 69905264 T2	11-12-2003
			DK 1117653 T3	26-05-2003
			EP 1117653 A1	25-07-2001
			ES 2191462 T3	01-09-2003
			WO 0020402 A1	13-04-2000
			HK 1037367 A1	22-08-2003
			JP 2002526538 T	20-08-2002
			NO 20011631 A	21-05-2001
			NZ 510210 A	30-06-2003
			PT 1117653 T	30-06-2003
			US 2003216417 A1	20-11-2003
			US 6593333 B1	15-07-2003
			ZA 200102187 A	18-06-2002
WO 0055153	A	21-09-2000	AT 266023 T	15-05-2004
			AU 761453 B2	05-06-2003
			AU 3177800 A	04-10-2000
			BR 0009083 A	02-01-2002
			CA 2368097 A1	21-09-2000
			CN 1350530 T	22-05-2002
			CZ 20013319 A3	12-12-2001
			DE 60010448 D1	09-06-2004
			DK 1163237 T3	02-08-2004
			EP 1163237 A1	19-12-2001
			WO 0055153 A1	21-09-2000
			HU 0105114 A2	29-07-2002
			JP 2002539207 T	19-11-2002
			MX PA01009307 A	30-07-2002
			NO 20014492 A	12-11-2001
			NZ 514195 A	28-05-2004
			PL 350451 A1	16-12-2002
			PT 1163237 T	31-08-2004
			SI 1163237 T1	31-10-2004
			SK 13112001 A3	04-06-2002
			TR 200103336 T2	22-04-2002
			ZA 200107536 A	18-08-2003
WO 03066603	A	14-08-2003	BR 0307461 A	09-11-2004
			CA 2471974 A1	14-08-2003
			WO 03066603 A1	14-08-2003
			EP 1472234 A1	03-11-2004
WO 02083143	A	24-10-2002	CA 2431553 A1	24-10-2002
			CZ 20031910 A3	17-12-2003
			EP 1343505 A1	17-09-2003
			JP 2004536796 T	09-12-2004
			NO 20032612 A	05-08-2003
			SK 8752003 A3	04-11-2003
			WO 02083143 A1	24-10-2002
			US 2002169159 A1	14-11-2002
			US 2003055054 A1	20-03-2003

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/GB2004/004474

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 02083143	A	US 2003069234 A1	10-04-2003